

# Support Activities for Coal Mining: 2002

Issued December 2004

EC02-211-213113 (RV)

## 2002 Economic Census

### *Mining*

#### Industry Series



USCENSUSBUREAU

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



## CONTENTS

Introduction to the Economic Census .....	v
Mining .....	ix
Tables	
1. Historical Statistics for the Industry: 2002 and 1997 .....	1
2. Industry Statistics for Selected States and Offshore Areas: 2002 .....	2
3. Detailed Statistics by Industry: 2002 .....	3
4. Industry Statistics by Employment Size: 2002 .....	4
5. Industry Statistics by Type of Operation: 2002 .....	5
6a. Products or Services Statistics: 2002 and 1997 .....	6
6b. Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997 .....	--
7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997 .....	8
Appendixes	
A. Explanation of Terms .....	A-1
B. NAICS Codes, Titles, and Descriptions .....	B-1
C. Methodology .....	C-1
D. Geographic Notes .....	--
E. Metropolitan and Micropolitan Statistical Areas .....	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997 .....	F-1
-- Not applicable for this report.	

**Table 1. Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Com- panies <sup>1</sup>	All estab- lish- ments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expendi- tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
213113, Support activities for coal mining . . 2002 . . 1997 . .	300 283	344 309	6 648 4 993	257 578 173 523	5 380 4 214	10 741 8 468	203 333 145 116	635 190 426 539	258 812 182 462	800 853 578 449	93 149 30 552

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States and Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
213113, Support activities for coal mining												
United States .....	3	344	92	6 648	257 578	5 380	10 741	203 333	635 190	258 812	800 853	93 149
Alabama .....	8	5	3	212	9 331	198	397	8 723	19 080	8 161	26 271	970
Illinois .....	—	10	3	496	28 658	404	749	23 322	64 034	26 720	87 175	3 579
Kentucky .....	2	70	25	1 927	70 595	1 578	3 097	57 362	190 334	76 159	234 542	31 951
Ohio .....	2	18	3	306	11 835	235	545	8 998	26 617	5 265	28 274	3 608
Pennsylvania .....	3	66	15	1 015	35 909	792	1 562	26 061	85 806	34 558	106 092	14 272
Virginia .....	6	40	12	638	22 332	496	965	17 031	63 749	21 384	75 530	9 603
West Virginia .....	3	60	23	1 325	50 277	1 126	2 288	41 639	120 535	43 325	148 611	15 249

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>213113, Support activities for coal mining</b>	
Companies <sup>1</sup> ..... number..	300
All establishments <sup>2</sup> ..... number..	344
Establishments with 0 to 19 employees..... number..	252
Establishments with 20 to 99 employees..... number..	78
Establishments with 100 employees or more..... number..	14
All employees for pay period including March 12..... number..	6 648
Total compensation..... \$1,000..	332 669
Annual payroll..... \$1,000..	257 578
Annual fringe benefits not included in payroll..... \$1,000..	75 091
Production, development, and exploration workers for pay period including March 12..... number..	5 380
Production, development, and exploration worker annual hours..... 1,000..	10 741
Production, development, and exploration worker annual wages..... \$1,000..	203 333
Total cost of supplies..... \$1,000..	258 812
Supplies used, minerals received, and purchased machinery installed..... \$1,000..	189 019
Resales..... \$1,000..	4 561
Purchased fuels consumed..... \$1,000..	28 966
Purchased electricity..... \$1,000..	8 604
Contract work..... \$1,000..	27 662
Quantity of electricity purchased..... 1,000 kWh..	168 596
Quantity of electricity generated less sold..... 1,000 kWh..	—
Total other expenses..... \$1,000..	49 389
Response coverage ratio <sup>3</sup> ..... percent..	69
Communications services..... \$1,000..	1 431
Legal services..... \$1,000..	1 823
Accounting, auditing, and bookkeeping services..... \$1,000..	2 643
Advertising and promotional services..... \$1,000..	270
All other expenses (not included above)..... \$1,000..	43 222
Total value of shipments and receipts for services..... \$1,000..	800 853
Primary products value of shipments..... \$1,000..	772 601
Secondary products value of shipments and receipts for services..... \$1,000..	23 691
Value of resales..... \$1,000..	4 561
Value of primary products shipments or services produced in all industries..... \$1,000..	807 944
Value of primary products shipments or services produced in this industry..... \$1,000..	772 601
Value of primary products shipments or services produced in other industries..... \$1,000..	35 343
Value added..... \$1,000..	635 190
Total inventories, end of 2001..... \$1,000..	14 145
Mineral products, crude petroleum, and natural gas liquids inventories..... \$1,000..	—
Supplies, parts, fuels, etc., inventories..... \$1,000..	14 145
Total inventories, end of 2002..... \$1,000..	14 608
Mineral products, crude petroleum, and natural gas liquids inventories..... \$1,000..	—
Supplies, parts, fuels, etc., inventories..... \$1,000..	14 608
Gross book value of depreciable/depletable assets at beginning of year..... \$1,000..	546 155
Capital expenditures (except land and mineral rights)..... \$1,000..	93 149
Capital expenditures for buildings, structures, machinery, and equipment (new and used)..... \$1,000..	93 149
Capital expenditures for mineral exploration and development..... \$1,000..	—
Capital expenditures for mineral land and rights..... \$1,000..	—
Deductions from depreciable/depletable assets during year..... \$1,000..	37 877
Gross book value of depreciable/depletable assets at end of year..... \$1,000..	601 427
Total depreciation/depletion charges during year..... \$1,000..	51 567
Total rental payments during year..... \$1,000..	32 780
Buildings and other structures..... \$1,000..	7 243
Machinery and equipment..... \$1,000..	25 537
Lease rents..... \$1,000..	—
Expensed mineral exploration, development, land, and rights..... \$1,000..	—

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
<b>213113, Support activities for coal mining</b>											
All establishments .....	3	344	6 648	257 578	5 380	10 741	203 333	635 190	258 812	800 853	93 149
Establishments with —											
0 to 4 employees .....	8	134	307	9 555	199	382	6 508	19 179	8 249	24 071	3 357
5 to 9 employees .....	4	60	414	13 983	339	689	11 292	35 809	17 805	48 250	5 364
10 to 19 employees .....	2	58	812	28 316	660	1 330	22 200	94 394	41 067	122 822	12 639
20 to 49 employees .....	3	63	1 801	66 614	1 402	2 717	49 416	185 385	78 998	227 563	36 820
50 to 99 employees .....	2	15	1 048	39 835	866	1 770	30 872	97 185	32 866	119 718	10 333
100 to 249 employees .....	4	12	g	D	D	D	D	D	D	D	D
250 to 499 employees .....	—	2	f	D	D	D	D	D	D	D	D
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>3</sup> .....	9	108	375	11 927	273	526	9 018	25 120	9 023	30 169	3 974

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Type of Operation: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments <sup>1</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
213113, Support activities for coal mining									
All establishments .....	344	92	6 648	257 578	5 380	10 741	203 333	635 190	800 853
Producing establishments .....	344	92	6 648	257 578	5 380	10 741	203 333	635 190	800 853
Mines or wells only .....	—	—	—	—	—	—	—	—	—
Underground mines .....	—	—	—	—	—	—	—	—	—
Open-pit mines .....	—	—	—	—	—	—	—	—	—
Combination mines, well operations, or other types of mines .....	—	—	—	—	—	—	—	—	—
Mines with preparation plants .....	—	—	—	—	—	—	—	—	—
Underground mines .....	—	—	—	—	—	—	—	—	—
Open-pit mines .....	—	—	—	—	—	—	—	—	—
Combination mines or other types of mines .....	—	—	—	—	—	—	—	—	—
Separately operated preparation plants .....	—	—	—	—	—	—	—	—	—
Undistributed <sup>2</sup> .....	344	92	6 648	257 578	5 380	10 741	203 333	635 190	800 853
Nonproducing establishments .....	—	—	—	—	—	—	—	—	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6a. Products or Services Statistics: 2002 and 1997**

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
213113	Support activities for coal mining .....	2002.. X 1997.. X	X X	807 944 585 651
2131130	Coal mining services .....	2002.. X 1997.. X	X X	807 944 585 651
21311301	Strip mining coal not for own account .....	2002.. X 1997.. X	X X	118 698 67 393
2131130111	Strip mining coal not for own account ..... 1,000 s tons ..	2002.. X 1997.. X	S S	118 698 67 393
21311303	Other coal mining services .....	2002.. X 1997.. X	X X	319 436 N
2131130321	Coal mining overburden stripping services .....	2002.. X 1997.. X	X X	10 370 N
2131130331	Coal mining prospect and test drilling services .....	2002.. X 1997.. X	X X	8 129 N
2131130341	Coal mine drilling services (except prospect and test drilling), including blasting .....	2002.. X 1997.. X	X X	18 690 N
2131130351	Recovering culm bank material and auger mining coal not for own account ..... 1,000 s tons ..	2002.. X 1997.. X	P1 227.3 N	8 620 N
2131130361	Sinking coal mine shafts and driving coal mine tunnels services .....	2002.. X 1997.. X	X X	94 579 N
2131130393	Other coal mining services, including underground mining not for your own account .....	2002.. X 1997.. X	X X	179 048 N
2131130Y	Coal mining services, nsk .....	2002.. X 1997.. X	X X	369 810 141 390
2131130YWT	Coal mining services, nsk .....	2002.. X 1997.. X	X X	369 810 141 390

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Not applicable to this report]

**Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997**

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
213113	Support activities for coal mining		
	Supplies consumed by type		
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation . . . . . 2002..	X	30 650
	1997..	X	16 282
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment . . . . . 2002..	X	45 090
	1997..	X	24 556
32592005	Ammonium nitrate . . . . . 2002..	X	7 962
	1997..	X	3 789
32592013	Explosive materials (excluding ammonium nitrate) and blasting accessories . . . . . 2002..	X	11 084
	1997..	X	5 837
33120059	Steel shapes and forms (excluding castings and forgings) . . . . . 2002..	X	5 393
	1997..	X	4 759
00970098	All other supplies . . . . . 2002..	X	71 374
	1997..	X	19 235
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used . . . . . 2002..	X	17 466
	1997..	X	45 724
	Fuels consumed by type		
21211003	Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel . . . . . 1,000 s tons . . . . . 2002..	D	D
	1997..	—	—
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel . . . . . 1,000 bbl . . . . . 2002..	93.4	3 612
	1997..	166.4	5 583
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel . . . . . 1,000 bbl . . . . . 2002..	180.7	7 404
	1997..	47.8	1 327
21111015	Gas (natural, manufactured, and mixed) used as a fuel . . . . . bil cu ft . . . . . 2002..	S	96
	1997..	D	D
32411015	Gasoline used as a fuel . . . . . mil gal . . . . . 2002..	S	4 108
	1997..	.9	990
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) . . . . . 2002..	X	D
	1997..	X	D
00974000	Undistributed fuels . . . . . 2002..	X	11 766
	1997..	X	D

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.